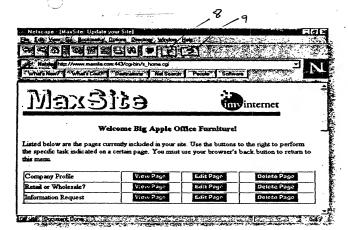
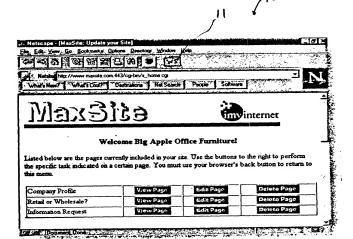


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FIGIA

F16 18

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Information structure of Nelektrian Database Realized about ISS Bridary Sovera FIG. 2A1

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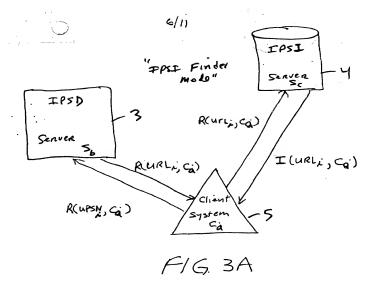
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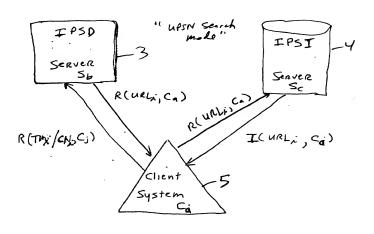
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F1G. 2A2

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Information structure of Relational Patabase Kealized about FIG. 2B





F1G. 3B

Client Ca Requests IPS Directory

Server to provide a Registered MRLis A

Mi Response to the upsni

Provided with the Client request

IRS Directory Server determines if
a URL; has been Begistered with
The UPISNA; If SO, Then The
IPS Directory Server sends the URL;
to Client Ca, If not, Then The
IPS Directory Server Resends the
URL-Regnest for fitter Registration Regnest operations with the company
related to the UPISNA and by client

Chen't Eystem Ca Receives URLi
from the FSP Directory server and
then Requests the IPS Information
Server identified by the WRLi
to provide P/S information located
at the URLi

IPSI Finder Mode " (Fig. 3A) F16, 4A

Client System Ca Requests IPS

Directory to provide A Registered

URL: in response to a trademark,

Servicemank and/or company name (TISMi)

provided with the client Request

IPS Directory server determines

if a URL; has been Registered with

The TISM; if so, Then The IPS

Directory serven sends the URL; to

Client Sa; if not; then the ISP

Directory server Records the URL-Request

for future Registration-Request operations

with the company related to the

TISM, sent by client system Ca

Client System Ca Receives URLi from

The IPS Directory Server and Then

requests the IPS Information server

ilentified by The URLi to provide

Pls information located at the

URLi

URLi

11 UPISN Search Mode "

( Ag.38)

F15.4B

TPSI Finder Seaver 4

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System

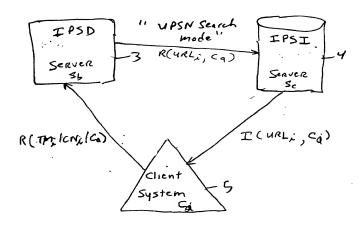
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F1G. 5B

- VALOT

Client Ca requests IPS Directory Server to

Provide a Registered URL: in Registered URL;
in Response to the UPISM; provided with

The client Request

IPS Directory Server determines if a

URL, has been Registered with the UP/SNX;

If So, then the IPS Directory Server sends

The IPS Imprometion server hasting the URL; a

Magnest for the IPS Information server to send

Megnest for the IPS Information server to send

Pls information at the URLx to the Client system

Pls information at the URLx to TPS

Directory server Records the CIRL-Request

for future registration - request operations

with the company related to the UP/SNX

sent by the client system Ca

The IPS Information server receives

The URL; from the IPS Directory server

and then provides the Ps information C

ilentified by the URL; to the

Client system Ca

TIPSI Finder Mode"
(Fig. SA)

F1G. 6A

Client Co requests IPS Directory Server to provide a registered URLY in response to a trademonk, service mank and/or company (T/SMX) provided with the client request

IPS Directory sover determines if
a URLi has been registered with
The TISM; if so, Then the IPS Directory
Suver sends the IPS Information Server
hosting the URLi, a Reduest for the
IPS Information server to send Als
information at the URLi to 120 client
system Cai if not, then the IPS
Directory server records the URL- Request
for future registration - request operations
with the company related to the UPISNi
sent by the Client system Ca.

The IPS Information server hosting the URLi receives the request from the IPS airctory server and then provides the P/S information identified by the URLi to the client system Ca

11 ullsw starch made"
(Fig. 5B)

F1G. 6B